



10/18/04
08/11/04
N.E.

UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/842,207 Confirmation No. : 5397
Applicant : John MANSBRIDGE, et al.
Filed : April 26, 2001
TC/A.U. : 2633
Examiner : K M NEGASH
Docket No. : 3036/49909
Customer No. : 23911
Title : Demultiplexer Control System

Approved
for
entry
5/9/05

SUBMISSION OF SUBSTITUTE SPECIFICATION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

July 29, 2004

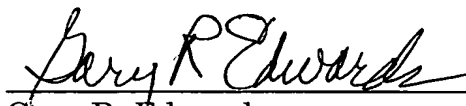
AUG 03 2004

Sir:

Technology Center 2600

In response to the Examiner's requirement in the Office Action dated April 29, 2004, please accept the attached Substitute Specification and a marked-up copy of the original specification. I certify that said substitute specification contains no new matter and includes the changes indicated in the marked-up copy of the original specification.

Respectfully submitted,



Gary R. Edwards
Registration No. 31,824

CROWELL & MORING LLP
Intellectual Property Group
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844
GRE:kms
330469v1